

# SMT Power Inductor

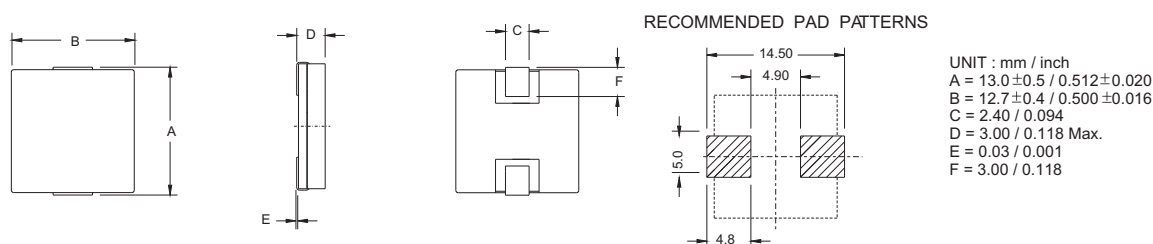
## HAH1330 Type

### Features

- RoHS compliant.
- Low profile (3.0mm max. height) SMD type.
- Magnetically shielded, suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor application.
- In addition to the standard versions shown here, customized inductors are available to meet your exact requirements.



### Mechanical Dimension:



### Electrical Characteristics: At 25°C: 100KHz, 1V

PART NO.	$L_0^1$ ( $\mu$ H)	$L_i$ ( $\mu$ H) $\pm 20\%$	DCR (m $\Omega$ ) MAX	$I_{sat}^2$ (A $^2$ )
HAH1330-0R2	0.22	0.20	1.50	25
HAH1330-0R5	0.50	0.47	2.50	22
HAH1330-1R0	1.00	0.90	10.00	12

1.  $L_0$  is the initial inductance.
2.  $I_{sat}$  is the DC current which cause the inductance drop to  $L_i$ .
3. Operating temperature : -20°C to 105°C ( including self-temperature rise ).



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